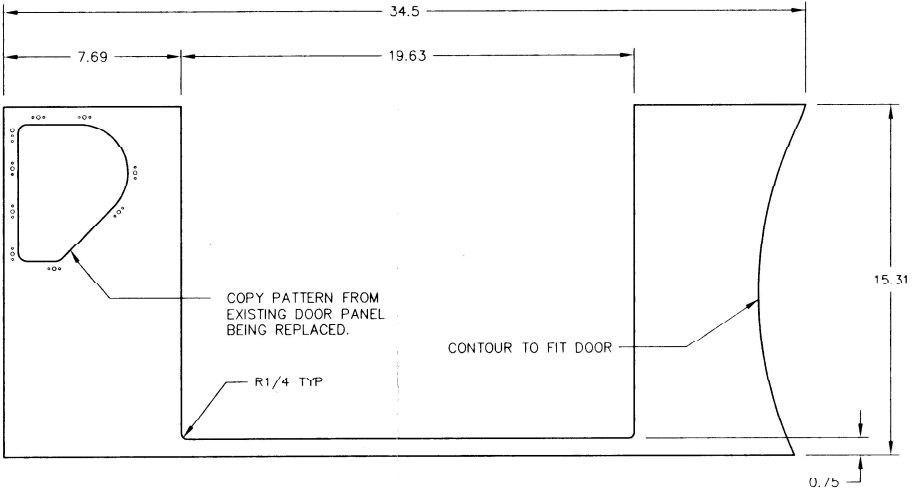


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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
3	MODIFIED ITEMS 13, 14, 15, 18 & 21	DW	01 AUG 2000

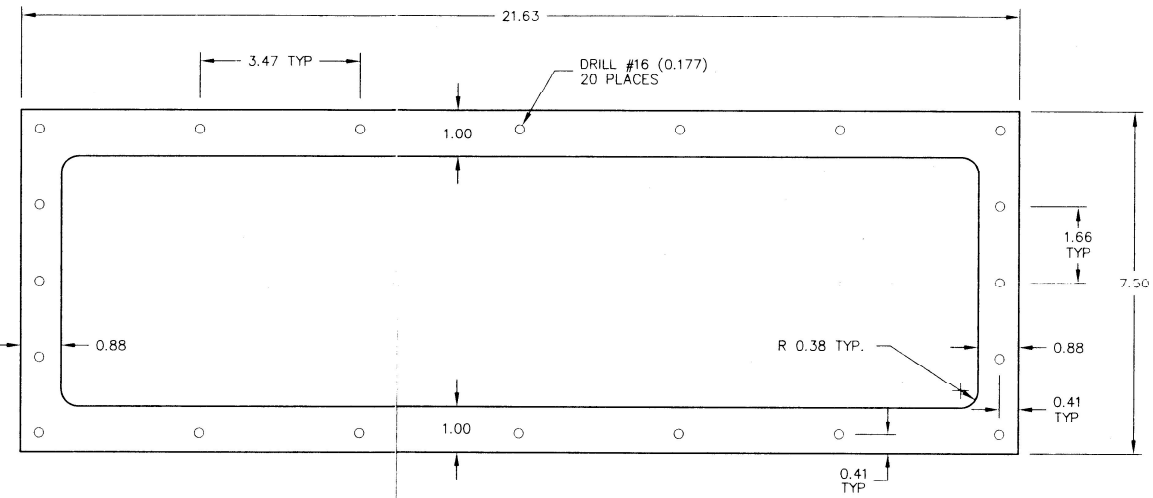
NOTES

1. REMOVE ALL BURRS AND SHARP EDGES.
2. THOROUGHLY DEGREASE ALL PARTS, PRIME ALL BARE METAL SURFACES WITH ZINC CHROMATE AND PAINT WITH GREY ENAMEL.
3. INSTALL RIVETS USING EDGE DISTANCE AND PITCH AS OUTLINED IN AC43.13B, SECTION 4-52, FIGURE 4-6.
4. SPARE INSTRUMENT HOLES, MAY BE DELETED IF NOT REQUIRED.



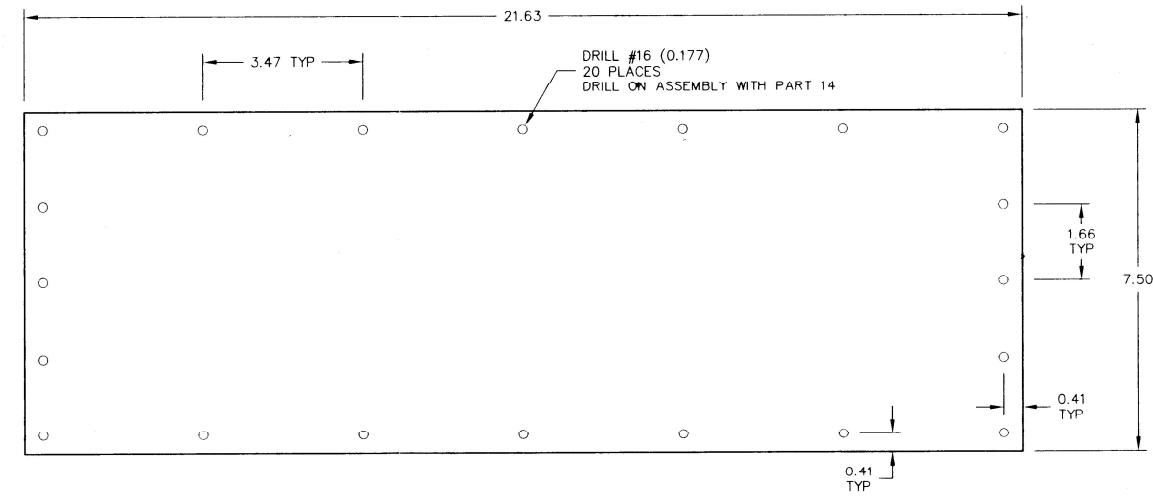
18 INNER DOOR PANEL

SCALE 1 : 4



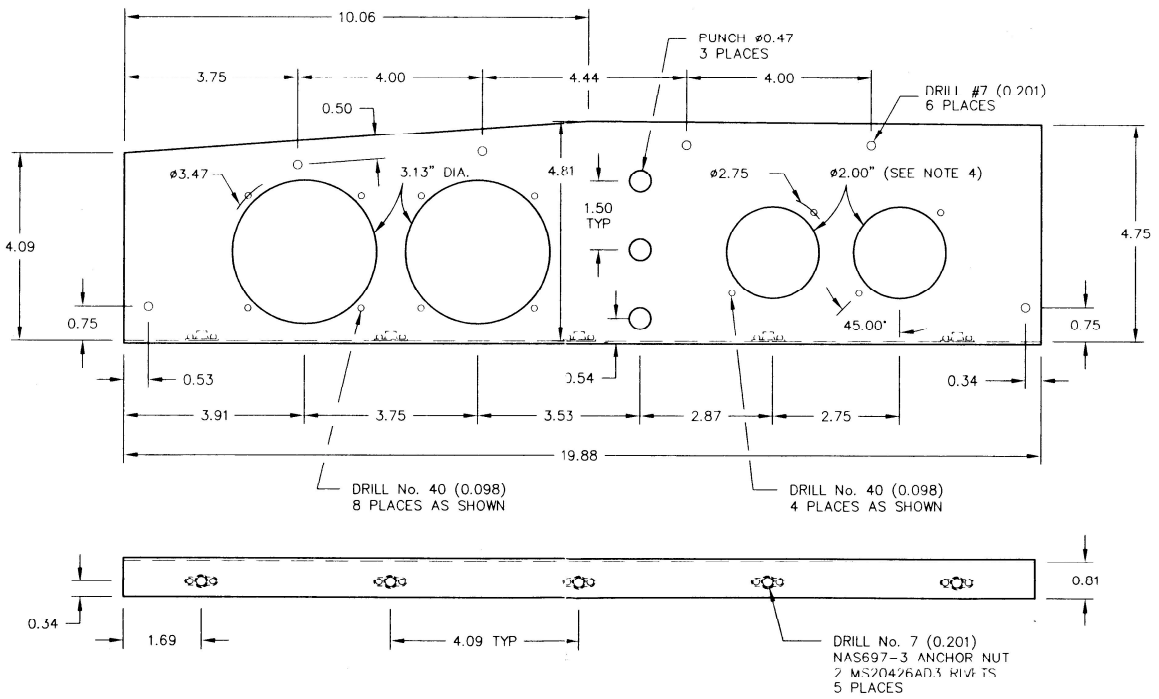
14 WINDOW RETAINER

SCALE 1 : 2



13 INSTRUMENT WINDOW

SCALE 1 : 2



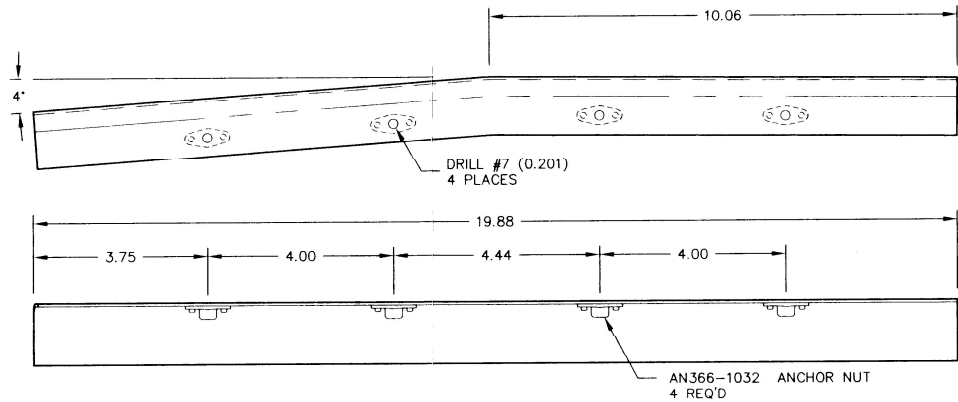
15 INSTRUMENT PANEL

SCALE 1 : 2

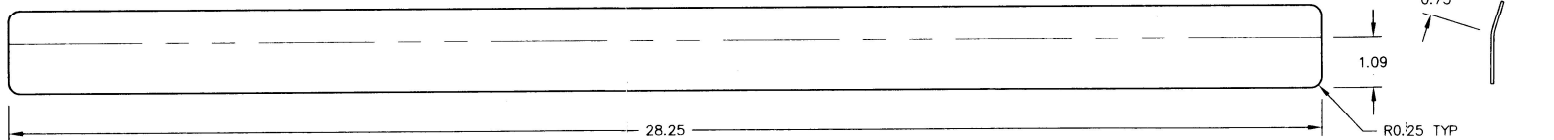
1	34	REARWARD RIB WEB	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	33	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	32	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	31	FORWARD RIB WEB	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	30	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	29	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	21	DOOR COVER PANEL	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	18	DOOR INNER SKIN	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	17	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	16	ARM REST ASSEMBLY	AS NOTED		
1	15	INSTRUMENT PANEL	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.035" THK. SHEET
1	14	WINDOW RETAINER	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	13	INSTRUMENT WINDOW	G. E. LEXAN		0.063 THK. SHEET
1	12	FORWARD RIB	SUB-ASSEMBLY		
1	11	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	10	REARWARD RIB	SUB-ASSEMBLY		
1	9	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	8	PLACARD - INSTRUMENT PANEL			
1	7	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	6	ALUMINUM STRIP	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	5	RUBBER STRIP	COMMERCIAL		
1	4	DOOR TOP LATCH ASSEMBLY	AS NOTED		
1	3	PLEXIGLASS BUBBLE WINDOW	DART AERO PART NO. 204B-1033-1		
1	2	INSTALLATION - DOOR MOUNTED INSTRUMENTS			
1	1	INSTALLATION - BUBBLE WINDOW			
2	1	DASH NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC.
QTY.		LIST OF MATERIALS			

BASIC CODE		DASH NO. FOR DIA N=MFD HEAD NEAR SIDE F=MFD HEAD FAR SIDE		APPROVALS		DATE		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 1045 McTAVISH ROAD N.E., CALGARY, AB, T2E 7G9							
D=DIMPLE DIGIT = # OF SHEETS TO BE DIMPLED C=COUNTERSUNK		DASH NO. FOR LENGTH		DRAWN: E. BLRGON		1 OCT 91		EAGLE COPTERS LTD. 823 McTAVISH ROAD N.E., CALGARY, ALBERTA, T2E 7G9 BELL 204, 205, 212 & 214 VERTICAL REFERENCE DOOR PARTS FABRICATION							
				CHECKED: E. BLRGON											
				STRESS:											
BASIC CODES:		✱ ○ INSTALL NEW RIVET		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS X.XXX ±0.010 X.XX ±0.03 X.X ±0.1 ANGLES ±1/2°				SCALE AS NOTED		DWG. SIZE		DWG. NO.		REV.	
BJ = MS20470AD BB = MS20426AD LZ = NAS1097AD CX = MS20470DD		✱ ⬆ REMOVE/REPLACE RIVET						SHEET 1 OF 3		A1		D2046902		3	
		⬆ EXISTING RIVET													

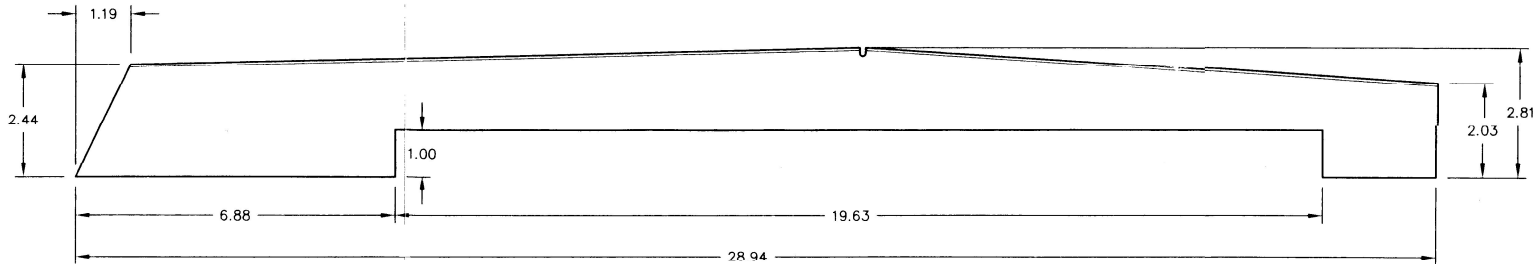
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
2	ADDED SHEET 3 / MODIFIED ITEMS 10, 11, 12 & 17 / REMOVED ITEM 9 / ADDED ITEMS 29 34 AND 7	DW	01 AUG 2000



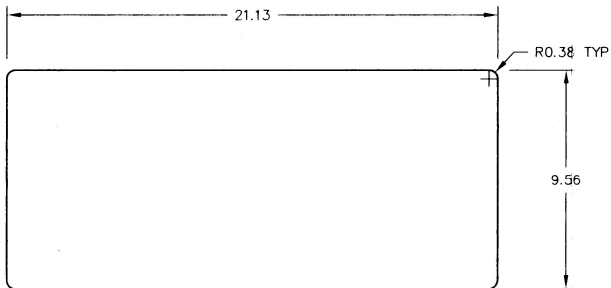
11
ANGLE
SCALE 1 : 2



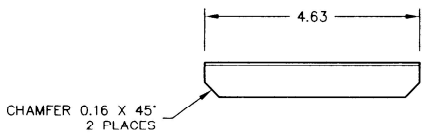
7
ANGLE
SCALE 1 : 2



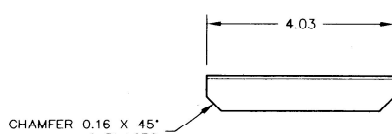
17
ANGLE
SCALE 1 : 2



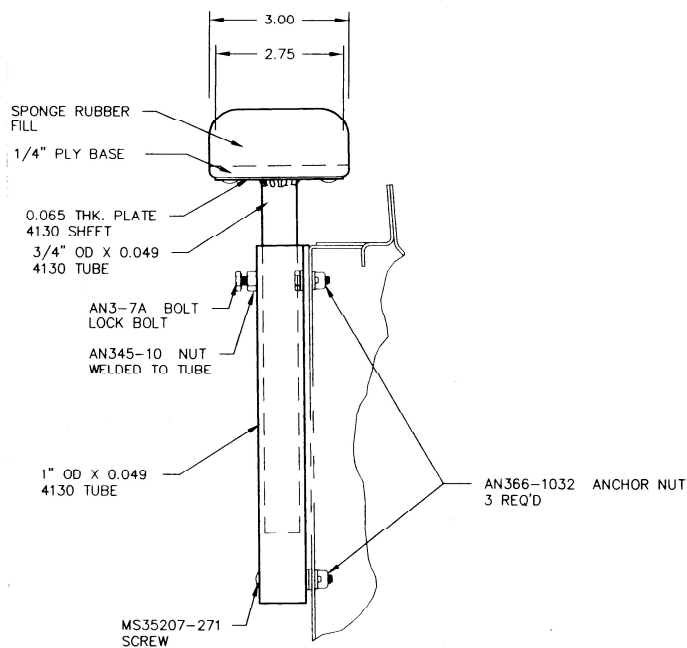
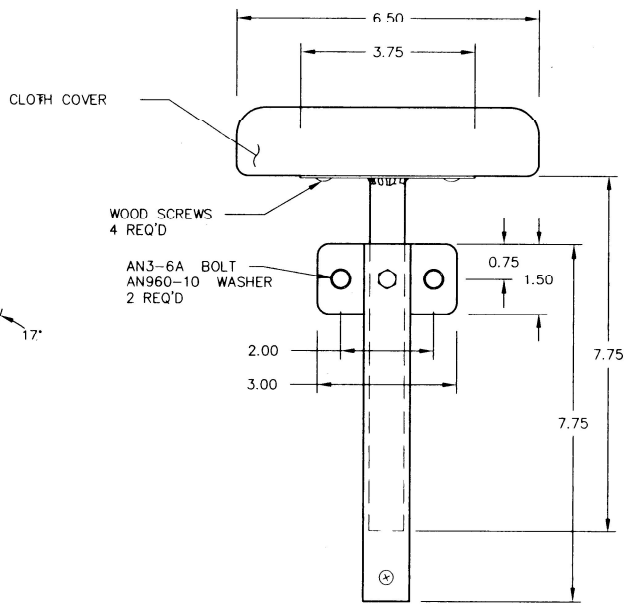
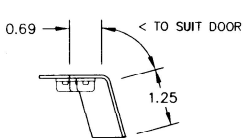
21
DOOR COVER PANEL
SCALE 1 : 4



30
ANGLE
SCALE 1 : 2



33
ANGLE
SCALE 1 : 2

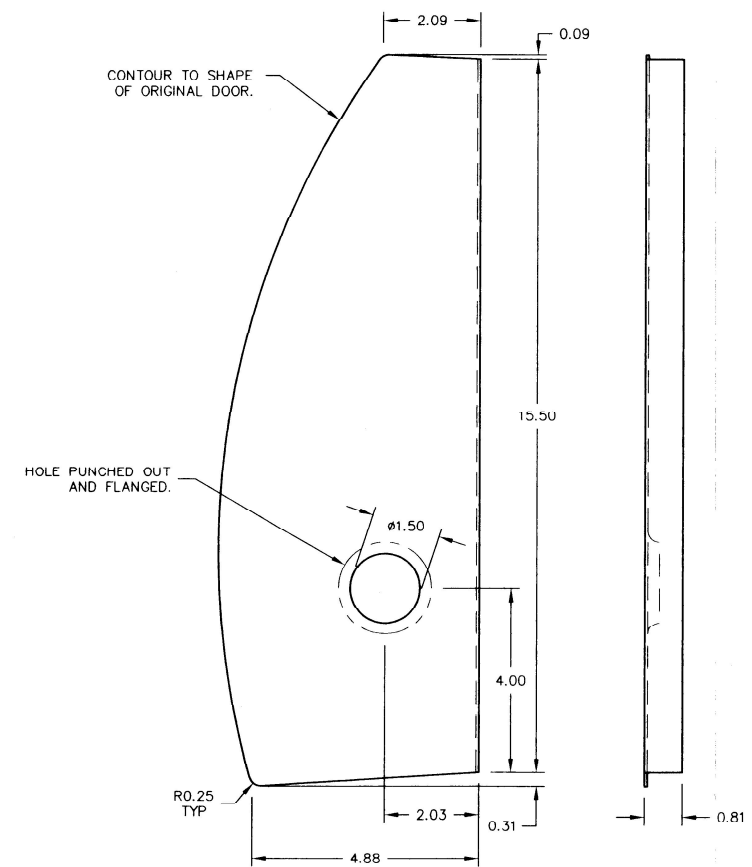


16
ARM REST ASSEMBLY
SCALE 1 : 2

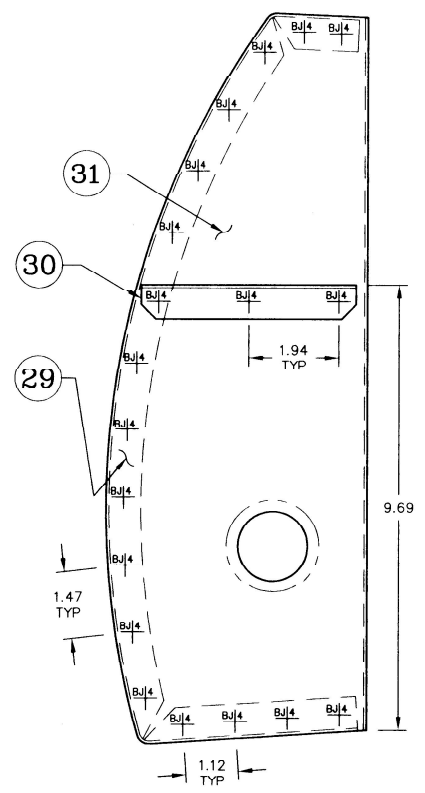
QTY.	DASH NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
1	34	REARWARD RIB WEB	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	33	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	32	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	31	FORWARD RIB WEB	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	30	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	29	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	21	DOOR COVER PANEL	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	18	DOOR INNER SKIN	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	17	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	16	ARM REST ASSEMBLY	AS NOTED		
1	15	INSTRUMENT PANEL	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.035" THK. SHEET
1	14	WINDOW RETAINER	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	13	INSTRUMENT WINDOW	G. E. LEXAN		0.063 THK. SHEET
1	12	FORWARD RIB	SUB-ASSEMBLY		
1	11	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	10	REARWARD RIB	SUB-ASSEMBLY		
1	9	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	8	PLACARD - INSTRUMENT PANEL			
1	7	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	6	ALUMINUM STRIP	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	5	RUBBER STRIP	COMMERCIAL		
1	4	DOOR TOP LATCH ASSEMBLY	AS NOTED		
1	3	PLEXIGLASS BUBBLE WINDOW	DART AERO PART NO. 2048-1033-1		
2	2	INSTALLATION - DOOR MOUNTED INSTRUMENTS			
2	1	INSTALLATION - BUBBLE WINDOW			

BASIC CODE	DASH NO. FOR DIA N=MFD HEAD NEAR SIDE F=MFD HEAD FAR SIDE	DASH NO. FOR LENGTH	APPROVALS	DATE	AERO DESIGN LTD.			
D=DIMPLE DIGIT = # OF SHEETS TO BE DIMPLED C=COUNTERSUNK			DRAWN: E. BURGOIN	1 OCT 91	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 200M 1045 McTAVISH ROAD N.E., CALGARY, AB, T2E 7G9			
			CHECKED: E. BURGOIN		EAGLE COPTERS LTD.			
			STRESS:		823 McTAVISH ROAD N.E., CALGARY, ALBERTA, T2E 7G9			
BASIC CODES: BJ = MS20470AD BB = MS20426AD LZ = NAS1097AD CX = MS20470DD	* G INSTALL NEW RIVET + U REMOVE/REPLACE RIVET - EXISTING RIVET		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:		BELL 204, 205, 212 & 214 VERTICAL REFERENCE DOOR PARTS FABRICATION			
			DECIMALS X.XXX ±0.010 X.XX ±0.03 X.X ±0.1	ANGLES ±1/2"	SCALE AS NOTED	DWG. SIZE A1	DWG. NO. D2046902	REV. 2
					SHEET 2 OF 3			

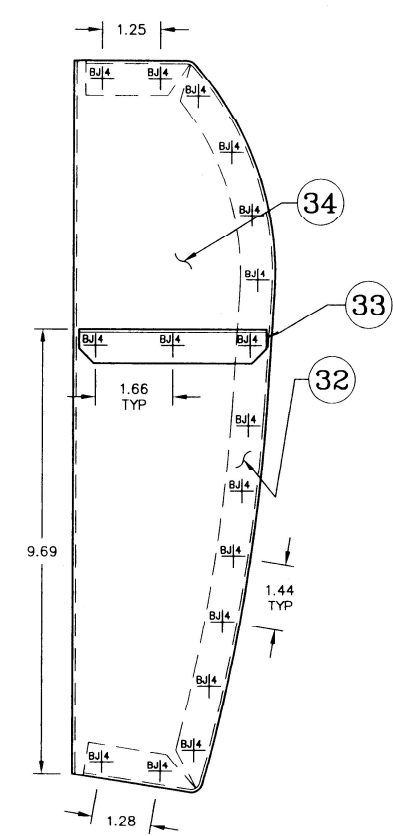
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1			



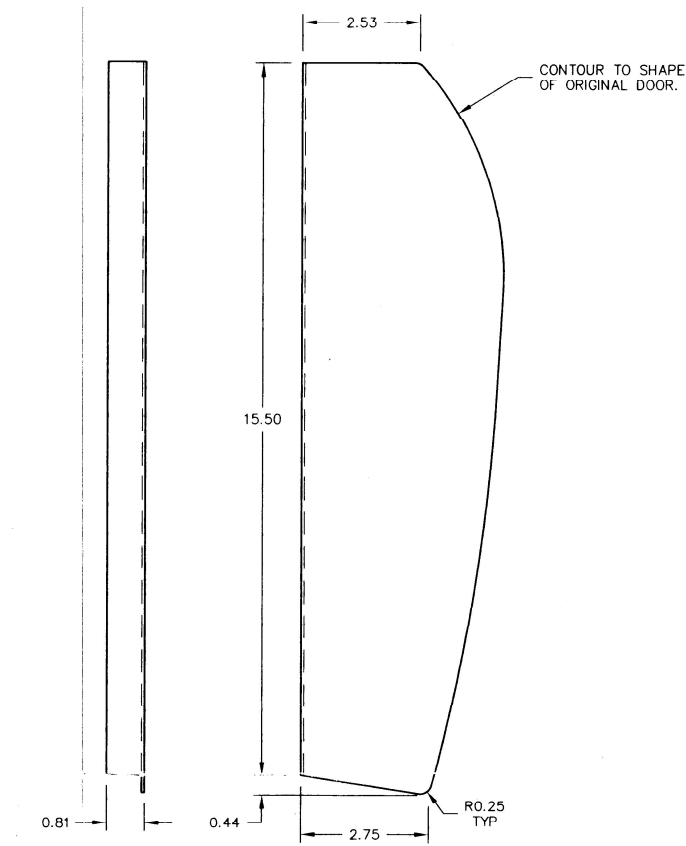
31 FORWARD RIB WEB
SCALE 1 : 2



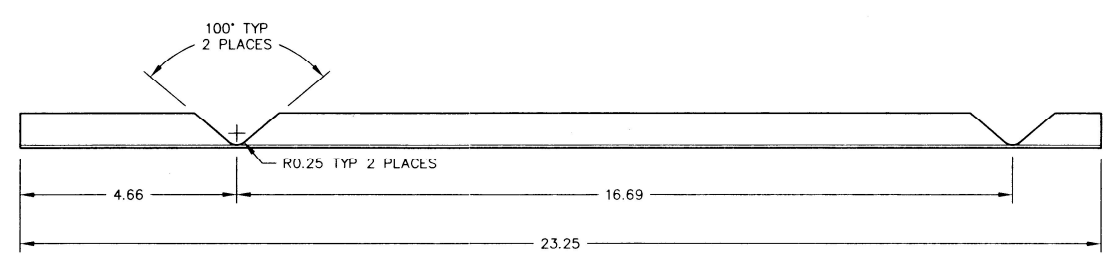
12 FORWARD RIB
SCALE 1 : 2



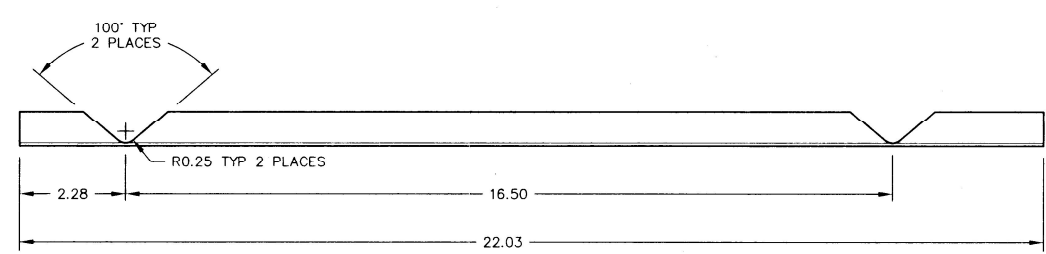
10 REARWARD RIB
SCALE 1 : 2



33 REARWARD RIB WEB
SCALE 1 : 2



29 ANGLE
SCALE 1 : 2



32 ANGLE
SCALE 1 : 2

QTY.	DASH NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
1	34	REARWARD RIB WEB	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	33	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	32	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	31	FORWARD RIB WEB	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	30	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	29	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-200/3	0.75 X 0.75 X 0.063 EXTRUSION
1	21	DOOR COVER PANEL	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	18	DOOR INNER SKIN	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	17	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	16	ARM REST ASSEMBLY	AS NOTED		
1	15	INSTRUMENT PANEL	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.035" THK. SHEET
1	14	WINDOW RETAINER	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	13	INSTRUMENT WINDOW	G. E. LEXAN		0.063 THK. SHEET
1	12	FORWARD RIB	SUB-ASSEMBLY		
1	11	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	10	REARWARD RIB	SUB-ASSEMBLY		
1	9	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	8	PLACARD - INSTRUMENT PANEL			
1	7	ANGLE	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	6	ALUMINUM STRIP	ALUM. ALLOY 2024-T3	QQ-A-250/5	0.040" THK. SHEET
1	5	RUBBER STRIP	COMMERCIAL		
1	4	DOOR TOP LATCH ASSEMBLY	AS NOTED		
1	3	PLEXIGLASS BUBBLE WINDOW	DART AERO PART NO. 204B-1033-1		
2	2	INSTALLATION - DOOR MOUNTED INSTRUMENTS			
1	1	INSTALLATION - BUBBLE WINDOW			

BASIC CODE

DASH NO. FOR DIA
N=MFD HEAD NEAR SIDE
F=MFD HEAD FAR SIDE

DASH NO. FOR LENGTH

D=DIMPLE
DIGIT = # OF SHEETS
TO BE DIMPLED
C=COUNTERSUNK

BASIC CODES:
BJ = MS20470AD
BB = MS20426AD
LZ = NAS1097AD
CX = MS20470DD

APPROVALS

DATE

DRAWN: E. BURGOIN

1 OCT 91

CHECKED: E. BURGOIN

STRESS:

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON:

DECIMALS
X.XXX ±0.010
X.XX ±0.03
X.X ±0.1

ANGLES
±1/2"

INSTALL NEW RIVET

REMOVE/REPLACE RIVET

EXISTING RIVET

AERO DESIGN LTD.

CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 200M
1045 McTAVISH ROAD N.E., CALGARY, AB, T2E 7G9

EAGLE COPTERS LTD.

823 McTAVISH ROAD N.E., CALGARY, ALBERTA, T2E 7G9

BELL 204, 205, 212 & 214
VERTICAL REFERENCE DOOR
PARTS FABRICATION

SCALE AS NOTED

DWG. SIZE
A1

DWG. NO.
D2046902

REV.
0

E:\BACKUP\1\J06\J065-ALAD\APPROVED\0-69022_2.dwg Tue Aug 29 14:47:03 2000